

2000P342686

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Takahashi, Y. et al.

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filing Date: Concurrently Herewith

Examiner: Unknown

For: SAW FILTER DEVICE AND PACKAGE FOR ACCOMMODATING THE SAME

Assistant Commissioner of Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Prior to examination on the merits and calculation of the filing fee, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please amend the claims as follows:**

4. (Amended) The SAW filter device, according to claim 1, which further comprises a film of a conductive material covering the front surface of the chip substrate and the interdigital transducers.

11. (Amended) An SAW filter device including an SAW filter according to claim 1, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

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**Please add claims 13-20 as follows:**

--13. (Amended) An SAW filter device including an SAW filter according to claim 2, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

14. (Amended) An SAW filter device including an SAW filter according to claim 3, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

15. (Amended) An SAW filter device including an SAW filter according to claim 4, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

16. (Amended) An SAW filter device including an SAW filter according to claim 5, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip

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substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

17. (Amended) An SAW filter device including an SAW filter according to claim 6, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

18. (Amended) An SAW filter device including an SAW filter according to claim 7, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

19. (Amended) An SAW filter device including an SAW filter according to claim 8, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.

20. (Amended) An SAW filter device including an SAW filter according to claim 9, which comprises a plastic package including a terminal member made of metal extending out of the

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package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion. --

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**REMARKS**


Claim 4 has been amended to be dependent on claim 1, and claim 11 has been amended to delete multiple-dependency and claims 13-20 have been added accordingly.

Attached hereto is a marked-up version of the changes made to the **claims** by the current amendment. The attached pages are captioned "**Version with markings to show changes made.**"

Early, favorable prosecution on the merits is respectfully requested.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,



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**In the claims:**

11. (Amended) An SAW filter device including an SAW filter according to [one of claims 1 to 9] claim 1, which comprises a plastic package including a terminal member made of metal extending out of the package and extending into the package such as to form an L-shaped portion, the chip substrate being accommodated in the plastic package such that the back surface of the chip substrate is in contact with the L-shaped portion.